

Name:

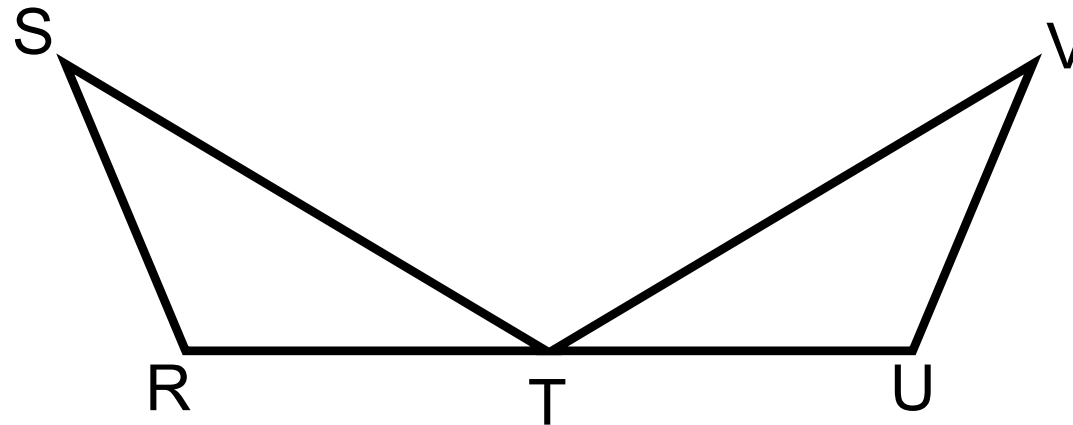
### 3.7 CPCTC Introduction

Given:  $\angle TRS \cong \angle TUV$

T is the midpoint of  $\overline{RU}$

$\overline{SR} \cong \overline{VU}$

Prove:  $\overline{ST} \cong \overline{VT}$



**Step 1:** Mark the givens on the diagram.

**Step 2:** Can you prove the triangles congruent? If so, how?

**Step 3:** Read the “Prove” statement. Can you explain why that is true?